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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 10/791,164 | 03/02/2004 | Eiji Kato | FY.51039US1A | 3401 |
| 20995 7590 03/01/2007 KNOBBE MARTENS OLSON & BEAR LLP 2040 MAIN STREET FOURTEENTH FLOOR IRVINE, CA 92614 | | | EXAMINER PHAN, HAU VAN | |
| | | | ART UNIT 3618 | PAPER NUMBER |
| SHORTENED STATUTORY PERIOD OF RESPONSE | | | NOTIFICATION DATE | |
| 3 MONTHS | | | 03/01/2007 | |
| | | | DELIVERY MODE ELECTRONIC | |

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Notice of this Office communication was sent electronically on the above-indicated "Notification Date" and has a shortened statutory period for reply of 3 MONTHS from 03/01/2007.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

jcartee@kmob.com
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| | | | |
|------------------------------|--------------------------------------|------------------------------------|--|
| Office Action Summary | Application No. 10/791,164 | Applicant(s) KATO ET AL. | |
| | Examiner Hau V Phan | Art Unit 3618 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 January 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6, 8-10 and 12-37 is/are pending in the application.
4a) Of the above claim(s) 22-30, 33, 35 and 36 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6, 8-10, 12-21, 31-32, 34-35, 37 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Acknowledgment

1. The amendment filed on 1/3/2007 has been entered.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. **Claims 1-4, 6, 8-10, 12-21, 31-32, 34 and 37 are rejected under 35**

U.S.C. 102(e) as being anticipated by Matsuura et al. (6,920,949).

Masuura et al. in figures 1-13, disclose an off-road vehicle comprising a frame, a plurality of wheels (64, 66) arranged to support the frame, an internal combustion engine (120) powering at least one of the wheels, and an air intake system having intake duct (502) arranged to supply air to a belt case of the engine for combustion at a location above an uppermost surface of the wheels (Notice the belt case is a unit that belonging to the engine). The air intake system has an air inlet through (506), which ambient air enters the intake system. The air inlet positioned higher than an uppermost surface of the wheels, and the air intake duct extending rearwardly to the engine, at

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least a portion of the air intake duct being positioned lower than the uppermost surface of the wheels.

Regarding claim 2, Matsuura et al. disclose a hood (not number, see figure 2), which is configured to cover at least a front portion of the frame. The air inlet disposed below the hood.

Regarding claim 3, Matsuura et al. disclose the air intake comprising an air cleaner, which is configured to clean the air that enters through the air inlet.

Regarding claim 4, Matsuura et al. disclose at least portion of the air cleaner, which is positioned below the hood.

Regarding claim 6, Matsuura et al. disclose an off-road vehicle comprising a frame, a plurality of wheels (62, 64) arranged to support the frame, a hood (not number, see figure 2) configured to cover at least a first portion of the frame, an internal combustion engine (120) powering at least one of the wheels, and an air intake system arranged to supply air to an intake port of the engine for combustion. The air intake system comprises an air cleaner (144) configured to clean the air and an air delivery conduit arranged to deliver the air in the air cleaner to the engine. The air cleaner disposed below a central portion of the hood.

Regarding claim 8, Matsuura et al. disclose the engine having an air intake port communicating with a combustion chamber of the engine and the air delivery conduit connects the air cleaner to the air intake port.

Regarding claim 9, Matsuura et al. disclose the air delivery conduit comprising a throttle body that has a throttle valve to regulate an amount of air passing to the combustion.

Regarding claim 10, Matsuura et al. disclose the air delivery conduit including an accumulator disposed between the throttle body and the balance of the intake duct, an inner diameter of the accumulator is greater than an inner diameter of the rest of the delivery conduit.

Regarding claim 12, Matsuura et al. disclose a seat unit disposed on the second portion of the frame. The engine and the seat unit are positioned next to each other.

Regarding claim 15, Matsuura et al. disclose at least a portion of the air delivery conduit, which is positioned higher than the air cleaner portion.

Regarding claim 16, Matsuura et al. disclose at least a portion of the air cleaner that is positioned higher than the wheels.

Regarding claim 17, Matsuura et al. disclose at least a portion of the air cleaner that is positioned higher than the wheels.

Regarding claim 18, Matsuura et al. disclose a seat unit (50) that defines a surface onto which a driver or passenger of the vehicle sits. The surface positioned higher than the wheels, and at least a portion of the air cleaner is positioned higher than the surface.

Regarding claim 19, Matsuura et al. disclose the air cleaner having an air inlet and at least the air inlet is positioned higher than the surface.

Regarding claim 20, Matsuura et al. disclose the air cleaner having an air inlet and at least the air inlet is positioned higher than the wheels.

Regarding claim 21, Matsuura et al. disclose the hood additionally covers at least one of the wheels.

Regarding claim 31, Matsuura et al. disclose an off-road vehicle comprising a frame, a plurality of wheels arranged to support the frame, at least one seat supported by the frame, an internal combustion engine (120) powering at least one of the wheels, and an air intake system arranged to supply air to the engine. The air intake system comprises an air cleaner configured to filter the air. The seat being disposed in a fore to aft direction on the vehicle such that the air cleaner lies forward of the seat and at least a portion of the engine lies behind the seat.

Regarding claim 32, Matsuura et al. disclose the air intake system delivers supply air to at least one combustion chamber of the engine.

Regarding claim 34, Matsuura et al. disclose the air intake system delivers supply air to at least one combustion chamber of the engine.

Regarding claim 37, Matsuura et al. disclose at least a portion of one combustion chamber of the engine, which is positioned rearwardly of the seat.

Allowable Subject Matter

4. Claim 5 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

5. Applicant's arguments filed 1/3/2007 have been fully considered but they are not persuasive. In response to applicant's remark that the air intake duct of Matsuura does not have at least a portion that is positioned lower than the uppermost surface of the wheels and the duct (502) is supplied air to the belt case of a cam chain not the engine. The examiner disagrees, because the belt case or the cam chain is part of the engine. Therefore, Matsuura disclose the duct (502) having a portion that is positioned lower than the uppermost surface of the wheels.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hau V Phan whose telephone number is 571-272-6696. The examiner can normally be reached on 7:30AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Ellis can be reached on 571-272-6914. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hau V Phan
Primary Examiner
Art Unit 3618


2/22/07